



Armstrong Energy Corporation
PO Box 1973
Roswell, NM 88202
Phone: 575-625-2222
Fax: 575-622-2512

August 11, 2021

DATE: 8/6/2021

CONFIDENTIAL OUT: 11/6/2021

New Mexico EMNRD
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Rock Steady State #1
Tight Hole Status
API #30-025-48525

To Whom It May Concern,

Our Rock Steady State #1 well is currently being tested in the Reeves Devonian pool of Southeastern New Mexico, Section 24, T18S R35E.

We respectfully request tight hole status for the submitted completion information for this well.

Thanks for your time, and please don't hesitate to call me with any questions.

Sincerely,
Armstrong Energy Corporation

A handwritten signature in blue ink, appearing to read "K. Alpers", is written over a horizontal line.

Kyle Alpers
Vice President – Engineering
Office: 575-625-2222 ext. 305
Cell: 575-626-2727
kalpers@aecn.com

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-48525		Pool Code 51940	Pool Name REEVES; DEVONIAN
Property Code 330235	Property Name ROCK STEADY		Well Number 1
OGRID No. 1092	Operator Name ARMSTRONG ENERGY CORPORATION		Elevation 3875.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	24	18-S	35-E		2288	SOUTH	800	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

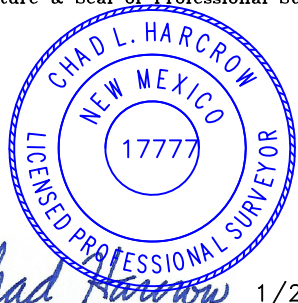
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

800'

S.L.

2288'

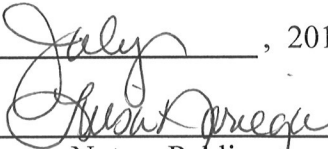
NAD 83 NME
SURFACE LOCATION
Y=631260.8 N
X=823181.9 E
LAT.=32.732024° N
LONG.=103.416783° W

OPERATOR CERTIFICATION	
<i>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>	
<u>Kyle Alpers</u>	<u>2/9/21</u>
Signature	Date
<u>Kyle Alpers</u>	
Printed Name	
<u>kalpers@aecnm.com</u>	
E-mail Address	
SURVEYOR CERTIFICATION	
<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
<u>JANUARY 18, 2021</u>	
Date of Survey	
Signature & Seal of Professional Surveyor	
	
<u>Chad Harcrow</u>	
Certificate No.	<u>1/22/21</u>
W.O. # 21-34	17777
DRAWN BY: DS	

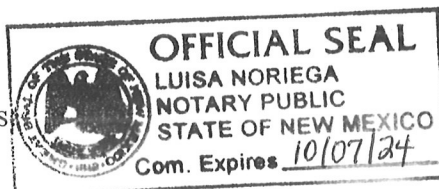
WELL NAME AND NUMBER Rock Steady State No. 1LOCATION Section 24, T18S, R35E, Lot L, 2288 FSL, 800 FWL, Lea CountyOPERATOR Armstrong Energy CorpDRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.75° @ 453'	1.8° @ 4740'	1.8° @ 10195'
.75° @ 952'	1.2° @ 5025'	1.89° @ 10384'
.75° @ 1426'	1.19° @ 6397'	.48° @ 10763'
2° @ 1900'	1.23° @ 6587'	.57° @ 11519'
2° @ 2083'	.97° @ 6778'	.40° @ 11614'
1.4° @ 2274'	1.32° @ 6879'	.35° @ 11708'
1.6° @ 2464'	1.27° @ 6968'	
1.4° @ 2655'	.04° @ 8014'	
1.4° @ 3417'	.31° @ 8109'	
1.5° @ 3513'	1.05° @ 9249'	
1.9° @ 3703'	.84° @ 9343'	
2.1° @ 3798'	.53° @ 9626'	
1.8° @ 3893'	.88° @ 9721'	
2.2° @ 4274'	1.14° @ 9815'	
2.7° @ 4454'	.92° @ 9910'	
2.4° @ 4549'	1.36° @ 10004'	

Drilling Contractor- UNITED DRILLING, INC.By: 
(Angel Salazar)Title: Vice PresidentSubscribed and sworn to before me this 19th day of July, 2017.

Notary Public

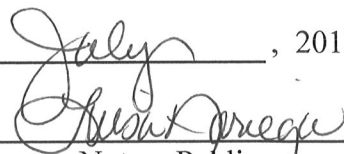
My Commission Expires


Chavez NM
County State

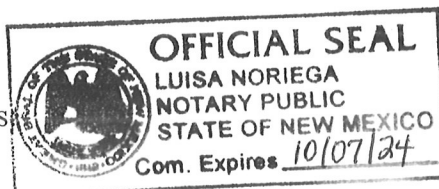
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Drilling Contractor- UNITED DRILLING, INC.By: 
(Angel Salazar)Title: Vice PresidentSubscribed and sworn to before me this 19th day of July, 2017.

Notary Public

My Commission Expires


Chavez NM
County State



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August 11, 2021

New Mexico EMNRD
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Rock Steady State #1
Tight Hole Status
API #30-025-48525

To Whom It May Concern,

Our Rock Steady State #1 well is a vertical well and as such there is no kick off point.

Thanks for your time, and please don't hesitate to call me with any questions.

Sincerely,
Armstrong Energy Corporation

A handwritten signature in blue ink, appearing to read "K. Alpers", is written over a horizontal line.

Kyle Alpers
Vice President – Engineering
Office: 575-625-2222 ext. 305
Cell: 575-626-2727
kalpers@aecnrm.com

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 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-48525
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Rock Steady State
8. Well Number 1
9. OGRID Number 1092
10. Pool name or Wildcat Reeves; Devonian
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3875'

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Armstrong Energy Corporation	
3. Address of Operator PO Box 1973 Roswell, NM 88202	
4. Well Location Unit Letter <u>L</u> : <u>2288</u> feet from the <u>South</u> line and <u>800</u> feet from the <u>West</u> line Section <u>24</u> Township <u>18S</u> Range <u>35E</u> NMPM <u>Lea</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3875'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

7/23/21 Set anchors, RUPU, Set RU, catwalk & racks, unload tubing. NUBOP, PU & TIH w/4 3/4" bit, DC's & tbg. SD
 7/26/21 Tag & drill DV tool, stringers, ream to FC @ 11,958', drill FC & cement to 11,976'. SIDS.
 7/27/21 Resume, drill cement, stop before float shoe, TOO. Troubleshoot tubing head seal. SIDS.
 7/28/21 Install new seal, TIH & run CNL, CBL, CCL from TD to 4,000'. RD WL, TIH w/4 3/4" bit & BHA, circ hole w/2% KCL. SIDS.
 7/29/21 Break circ, drl FS and into OH. Plugged bit, TOO. to unplug, clean up, TIH. SIDS.
 7/30/21 Drl new formation to 12,021', circ BU, check for flow. Drl F/12,021' T/12,059', circ clean, SIDS.
 8/2/21 Drl F/12,059' T/12,118', circ UP, check for flow. TFB. SIDS.
 8/3/21 SITP 0psi, slight vac. TIH, drl F/12,118' T/12,150', circ BU, LD swivel, TOH w/10 stds. SIDS.
 8/4/21 Finish TOO. w/tbg & BHA. LD BHA. TIH w/Arrowset 1 pkr. Attempt to set, pkr will not set. SIDS.
 8/5/21 TOO. w/tbg & pkr. RU WL, Tie into GR and log OH section with GR/CNL 12,150' to casing shoe. RD WL, TIH w/pkr, set @ 11,960' w/12 pts comp. Pressure test BS, held. ND BOP, NU tree, SIDS.
 8/6/21 SITP 120psi. RU to swab, FL @ surface. Swab test throughout day, rec 81 BO, 81 BW, gas TSTM. SIDS.
 8/9/21 Continue swab test until 8/11/21. SI well, W/O pipeline.

Spud Date: 6/17/21

Rig Release Date: 7/14/21

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kyle Alpers TITLE VP Engineering DATE 9/15/21

Type or print name Kyle Alpers E-mail address: kalpers@aecnm.com PHONE: 575-625-2222

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-48525		
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN		
								3. State Oil & Gas Lease No.		
5. Lease Name or Unit Agreement Name Rock Steady State								6. Well Number: 1		
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____										
8. Name of Operator Armstrong Energy Corporation						9. OGRID 1092				
10. Address of Operator PO Box 1973 Roswell, NM 88202						11. Pool name or Wildcat Reeves; Devonian 51940				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	24	18S	35E		2288'	S	800'	W	Lea
BH:										
13. Date Spudded 6/17/21	14. Date T.D. Reached 8/3/21		15. Date Rig Released 7/14/21		16. Date Completed (Ready to Produce) 8/6/21			17. Elevations (DF and RKB, RT, GR, etc.) 3875'		
18. Total Measured Depth of Well 12,150'			19. Plug Back Measured Depth 12,150'		20. Was Directional Survey Made? yes			21. Type Electric and Other Logs Run CNL, GR, CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name Devonian, 12,150'-12,000' OH										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.875		54.5		1904		17.5		1390sx		0
9.625		40		4359		12.5		1390		0
5.5		17		12000		7.875		1120		0
24. LINER RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN						25. TUBING RECORD SIZE DEPTH SET PACKER SET				
26. Perforation record (interval, size, and number) OH Drilled 7 7/8" hole to 12,000' with rig, run 5.5" casing to 12,000', release rig 7/14/21, RU completion unit and drill 4 3/4" open hole to 12,150'. OH section from 12,000' to 12,150'						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12,000'-12,150' No stim				
28. PRODUCTION										
Date First Production 8/6/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) swab				Well Status (<i>Prod. or Shut-in</i>) testing				
Date of Test 8/10/21	Hours Tested 24	Choke Size 24/64"	Prod'n For Test Period	Oil - Bbl 1 6 0	Gas - MCF TSTM	Water - Bbl. 0	Gas - Oil Ratio			
Flow Tubing Press. 20	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 1 6 0	Gas - MCF 0	Water - Bbl. 0	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) N/A							30. Test Witnessed By Rocky Ray			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 7/14/21			
34. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Kyle Alpers			Printed Name Kyle Alpers		Title VP Engineering			Date 8/11/21		
E-mail Address kelpers@aecn.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers ³⁷³⁰	T. Devonian ¹¹⁹⁹⁵	T. Cliff House	T. Leadville
T. Queen ⁴⁴⁶⁰	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres ⁴⁹⁷⁰	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs ⁶⁸⁶⁰	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp ¹⁰²¹⁰	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

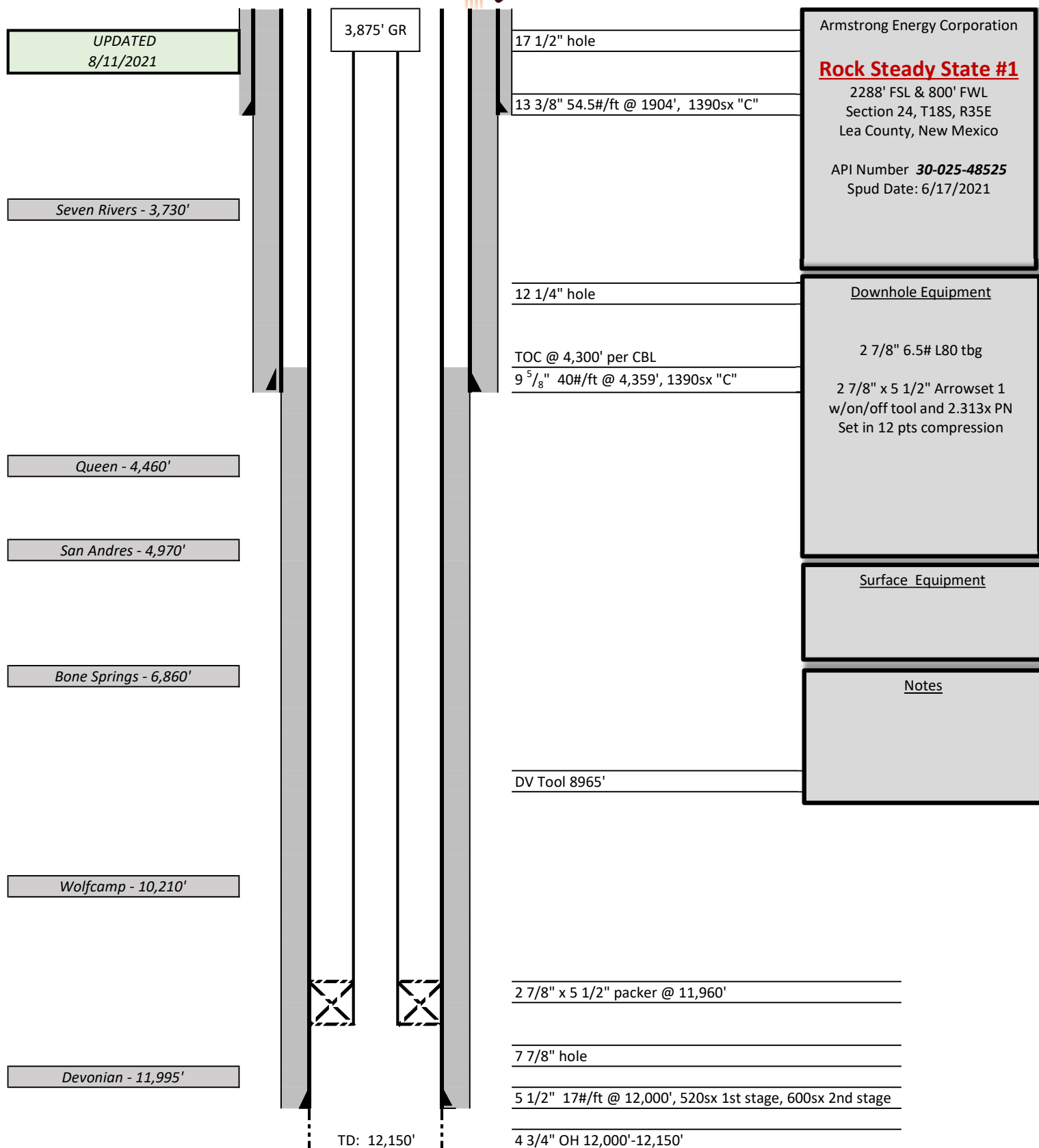
No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology



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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 52029

ACKNOWLEDGMENTS

Operator: ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	OGRID: 1092
	Action Number: 52029
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 52029

CONDITIONS

Operator: ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	OGRID: 1092
	Action Number: 52029
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/18/2022